

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
|--|--|---|
| Applicant's or agent's file reference NB/4-22958 | FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below. | |
| International application No. PCT/EP2004/052450 | International filing date (day/month/year) 06/10/2004 | (Earliest) Priority Date (day/month/year) 15/10/2003 |
| Applicant CIBA SPECIALTY CHEMICALS HOLDING INC. | | |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/052450

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D06P5/00 B41M5/00 D06P1/39 D06P3/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06P B41M B41J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | US 6 511 535 B1 (SCHEIBLI PETER ET AL) 28 January 2003 (2003-01-28) | 10 |
| Y | column 22, line 50 - column 23, line 27; claims | 1-9 |
| X | EP 1 193 301 A (SEIKO EPSON CORP) 3 April 2002 (2002-04-03) page 4, line 45 - page 5, line 19 page 9, line 1 - line 16 page 12, line 10 - line 15; claims | 10 |
| Y | US 5 940 099 A (KARLINSKI HAGGAI) 17 August 1999 (1999-08-17) cited in the application the whole document | 1-9 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

24 January 2005

Date of mailing of the international search report

02/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Koegler-Hoffmann, S

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052450

| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-----------------------|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | US 6 439 702 B1 (KARLINSKI HAGGAI) 27 August 2002 (2002-08-27) cited in the application the whole document ----- | 1-9 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052450

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|--|--|
| US 6511535 | B1 | 28-01-2003 | AU 4781699 A WO 0003082 A1 EP 1102883 A1 JP 2002520498 T | 01-02-2000 20-01-2000 30-05-2001 09-07-2002 |
| EP 1193301 | A | 03-04-2002 | EP 1193301 A1 EP 1457536 A1 WO 0177237 A1 JP 2001354888 A JP 2001354891 A JP 2001354889 A US 2003097960 A1 | 03-04-2002 15-09-2004 18-10-2001 25-12-2001 25-12-2001 25-12-2001 29-05-2003 |
| US 5940099 | A | 17-08-1999 | IL 106803 A CA 2128436 A1 DE 69409887 D1 DE 69409887 T2 EP 0640481 A2 HK 1008845 A1 JP 3406694 B2 JP 7148925 A US 2003088969 A1 US 6481074 B1 US 6439702 B1 | 08-02-1998 26-02-1995 04-06-1998 27-08-1998 01-03-1995 21-05-1999 12-05-2003 13-06-1995 15-05-2003 19-11-2002 27-08-2002 |
| US 6439702 | B1 | 27-08-2002 | IL 106803 A US 6481074 B1 AT 265323 T AU 7682900 A DE 60010310 D1 EP 1226036 A1 WO 0130577 A1 JP 2003512211 T CA 2128436 A1 DE 69409887 D1 DE 69409887 T2 EP 0640481 A2 HK 1008845 A1 JP 3406694 B2 JP 7148925 A US 5940099 A US 2003088969 A1 | 08-02-1998 19-11-2002 15-05-2004 08-05-2001 03-06-2004 31-07-2002 03-05-2001 02-04-2003 26-02-1995 04-06-1998 27-08-1998 01-03-1995 21-05-1999 12-05-2003 13-06-1995 17-08-1999 15-05-2003 |